

DOBROTIN, N.A., doktor fiz.-matem. nauk

Conference on cosmic rays in Jaipur. Vest. AN SSSR 34 no.7:
88-92 J1 '64 (MIRA 17:8)

GRIGOROV, N.L.; DOBROTIN, N.A.; ZHDANOV, G.B.; TAKIBAYEV, Zh.E.

Experimental study of nuclear interactions at energies of
 10^{11} to 10^{13} ev. Izv. AN SSSR. Ser. fiz. 28 no.11:1741-1750
N '64. (MIRA 17:12)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo
gosudarstvennogo universiteta, Fizicheskiy institut im. P.N.
Lebedeva AN SSSR i Institut yadernoy fiziki AN KazSSR.

DOBROTIN, N.A.; ZELEVINSKAYA, N.G.; MAKSIMENKO, V.M.; PUCHKOV, V.S.;
~~SLAVATINSKIY, S.A.~~

Pulsed spectrum of π -mesons generated in nucleon interactions
involving energies of hundreds of Bev. Izv. AN SSSR. Ser. fiz.
28 no.11:1751-1754 N '64. (MIRA 17:12)

1. Fizicheskiy institut im. P.N. Lebedeva AN SSSR.

L 4477-66 EWT(1)/EWT(m)/FCC/T/EWA(h) IJP(c) GW

ACC NR: AP5024619

SOURCE CODE: UR/0048/85/029/009/1627/1630

AUTHOR: Dobrotin, N.A.; Zelevinskaya, N.G.; Kotel'nikov, K.A.; Maksimenko, V.M.;
Puchkov, V.S.; Siavatskiy, S.A.; Smorodin, Yu. A.

28
03

ORG: none

TITLE: Phenomenological picture of secondary particle production in nucleon interactions at hundreds and thousands of BeV. /Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 9, 1965, 1627-1630

TOPIC TAGS: primary cosmic ray, secondary cosmic ray, pi meson, high energy particle, particle production

ABSTRACT: The authors briefly review the experimental data on secondary particle production by primary cosmic rays. The inelastic interaction cross section is practically constant for energies from 20 to 10^5 BeV, and the inelasticity is constant and equal to 0.4-0.5 for energies up to 10^4 BeV. About 90% of the secondaries are pions. Two production mechanisms are distinguished: fireball production, and production and decay of excited nucleons (isobars). Most of the secondaries are produced by the fireball mechanism. In the hundred BeV range there is a reference system in which the pions are emitted isotropically. In this system the pion energy distribution can be represented, except for a high-energy tail, by a Bose-Planck function for a temperature of 0.7-1.0

Card 1/2

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ACC NR: AP5024619

pion masses. In the thousand BeV region there are indications that two or more fireballs may be produced. The high-energy tail on the pion energy distribution is ascribed to decay of highly excited isobar states. It is shown that the exponents in the atmospheric energy spectra of nuclear-active particles and of high-energy photons (ascribed to pion decay) are very nearly the same. From this it is concluded that the energies of the high-energy pions are proportional to the energies of the primaries producing them. Only a few (one or two) high energy pions are produced in each interaction, and these carry 10-20 % of the incident particle energy. It is anticipated that counter installations now under construction will provide more accurate data on both pion production mechanisms in the thousand VeV range. Orig. art. has: 6 formulas, 2 figures, and 1 table.

SUB CODE: NP/ SUBM. DATE: 00/

ORIG REF: 007/ OTH REF: 009

PC

Card 2/2

DEBROTIN, N.A.

Ways of development of the physics of high-energy particles. Usp.
fiz. nauk 86 no.4:725-728 Ag '65. (MIRA 18:8)

DOBRONIN, R.B.

Critical examination of the chemical nomenclature of inorganic compounds.
Vest. LGU 4 no.6:93-162 Ar '89. (MIR. 12:7)
(Chemistry, Inorganic--Nomenclature)

DOBROTIN, R. B.

"The Early Period of D. I. Mendeleev's Scientific Activity as a Stage on the Road to the Discovery of the Periodic Law". Cand Chem Sci, Leningrad State U, Leningrad, 1953.
Dissertation (Referativnyy Zhurnal---Khimiya Moscow, No 2, Jan 54)

SO: SUM 186, 19 Aug 1954

DOBROTIN, R. B.

First scientific works of D. I. Mendeleev as a stage in the discovery of the periodic law. S. A. Shestakova and R. B. Dobrotin. *Vestnik Leningrad. Univ.* 9, No. 4, Ser. Mat., Fiz. i Khim. No. 1, 165-77 (1954).—Historical sketch of the early work of M. on crystal forms and specific vols. of chem. substances as forerunners of the development of the periodic system. 34 references. G. M. Kosolupoff

100-224

SHCHUKAREV, S.A.; DOBROTIN, R.B.

New manuscript of E.S.Fedorov on the periodic law. Kristallografiia
no.3:81-84 '55. (MLBA 10:2)
(Periodic law)

DOBROTIN, R.

AVDIUMIN, N.I.

Poor aid for the pupil ("Acids and salts." R. Dobrotin.
Reviewed by N.I. Avdiumin). Khim. v shkole 10 no. 6: 71-73
H-D '55. (MLBA 9:1)
(Chemistry - Juvenile literature) (Dobrotin, R.)

Dobrotin, R. B.

USSR/ Scientists

Card 1/1 Pub. 127 - 11/13

Authors : Storonkin, A. V., and Dobrotin, R. B.

Title : Brief review of the D. I. Mendeleyev teaching on solutions

Periodical : Vest. Len. un. Ser. mat. fiz. khim. 10/2, 157-171, Feb 1955

Abstract : A brief review is made of the development process together with an analysis of the scientific importance of the basic ideas of the D. I. Mendeleyev teaching on solutions. A list of D. I. Mendeleyev's works on the theory and chemism of solutions since 1862 is included. Eleven Russian references (1862-1905).

Institution :

Submitted : June 29, 1954

DOBROTIN, R.B.

To the history of the discovery of germanium (ekasilicon). Vest. Len. un.
11 no.10:55-59 '56. (MIRA 9:9)
(Germanium)

SECHUKAREV, S.A.; DOBROTIN, R.B.

D.I.Mendeleev's works on the theory of atoms and molecules from
1856 to 1859. Trudy Inst.ist.est.i tekhn. 12:3-11 '56. (MLRA 9:12)
(MENDELEEV, DIMITRII IVANOVICH, 1834-1907)

Dobrotin R.B.

STORONKIN, A.V.; DOBROTIN, R.B.

Basic Contents of D.I. Mendeleev's teaching about solutions. Vop.
ist. est. 1 tekhn. no.3:14-23 '57. (MIRA 11:1)
(Solution (Chemistry))
(Mendeleev, Dmitrii Ivanovich, 1834-1907)

Dobrotin, R.B.

BARZAKOVSKIY, V.P.; DOBROTIN, R.B.

D.I. Mendeleev's views on the chemical nature of silicates. Vop.
ist. est. i tekhn. no.3:24-32 '57. (MIRA 11:1)
(Silicates) (Mendeleev, Dmitrii Ivanovich, 1834-1907)

DOBROTIN, B.B.

DOBROTIN, R.B.; TER-AVAKOVA, M.G.; VOLKOVA, T.V. (Leningrad).

D.I. Mendeleev's correspondence with foreign scientists. Pop. 1st.
est. 1 tekhn. no.3:176-189 '57. (MIRA 11:1)
(Mendeleev, Dmitrii Ivanovich, 1834-1907)

Dobrotin R.B.

VDOVENKO, V.M.; DOBROTIN, R.B. (Leningrad)

D.I. Mendeleev and the problems of radioactivity. Vop.ist.est.
i tekhn. no.5:175-177 '57. (MIRA 11:2)
(Mendeleev, Dmitrii Ivanovich, 1834-1907)
(Radioactivity)

DOBROTIN, R.B.

The problem of chemical affinity in the works of Russian scientists
of the D.I. Mendeleev school [with summary in English]. Vest. LGU
12 no.16:148-155 '57. (MIRA 10:11)
(Chemical affinity)

BARZAKOVSKIY, Valentin Pavlovich; DOBROTIN, Roman Borisovich; TOROPOV, N.A., prof., otv.red.; KAPLAN, M.Ya., red.izd-va; AROHS, R.A., tekhn.red.

[D.I.Mendeleev's works in the field of the chemistry of silicates and glass research] Trudy D.I.Mendeleeva v oblasti khimii silikatov i stekloobraznogo sostoiianiia. Moskva, Izd-vo Akad.nauk SSSR, 1960. (MIRA 13:8)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Toropov).
(Glass research) (Silicates)
(Mendeleev, Dmitrii Ivanovich, 1834-1907)

MENDELEYEV, Dmitriy Ivanovich; DOBROTIN, R.B., kand.khim.nauk; KRAVCHENKO, M.G. [translator]; KUPRIYANOVA, V.R. [translator]; STORONKIN, A.V., prof., otv.red.; ZAYCHIK, N.K., red.izd-va; HLEYKH, E.Yu., tekhn. red.

[Scientific archives. Solutions] Nauchnyi arkhiv. Rastvory.
Moskva, Izd-vo Akad.nauk SSSR, 1960. 179 p. (MIRA 13:8)
(Solution (Chemistry))

DOBROTIN, R.B.

Mendeleev's theory of limits. Trudy Inst.ist.est.i tekhn. 35:
143-148 '61. (MIRA 14:9)
(Chemistry, Organic)

DOBROTIN, R.B.

M. V. Lomonosov's experiments in the field of oxidation theory.
Vest LGU 16 no.22:5-9 '61. (MIRA 14:11)
(Oxidation)

BASHMAKOVA, I.B.; STORCHAK, L.I.; DOBROTIN, R.B.

History of the natural sciences in Russia. Vol. 2. Ed. by
N.A.Figurovskii and others. Reviewed by I.B.Bashmakova, L. I.
Storchak, R. B. Dobrotin. Vest. AN SSSR 32 no.5:133-137 My
'62. (MIRA 15:5)
(Bibliography—Natural history) (Figurovskii, N.A.)

DOBRONIN, R.B.

Electronegativity and the nature of the bond in transition metals.
Zhur.strukt.khim. 4 no.6:881-884 N-D '63. (MIRA 17:4)

1. Leningradskiy gosudarstvennyy universitet.

DOBROTIN, R.B.; SUVOROV, A.V.; KONDRAT'YEV, Yu.V.

Problem of phase transitions in solids. Vest. LGU 19 no.4:
95-98 '64. (MIRA 17:3)

SUVOROV, A.V.; DOBROTIN, R.B.; GADZHIYEV, S.M.

Equilibrium of dissociation in sulfuric acid vapors. Zhur.
neorg. khim. 10 no.6:1307-1311 Je '65.

(MIRA 18:6)

DOBROTIN, S.S., doktor meditsinskikh nauk (Gor'kiy, ul. Minina, d.5, kv. 32)

Immediate and late results of surgical therapy of cancer of the corpus
uteri. Vop.onk. 1 no.3:3-9 '55. (MLA 10:1)

1. Po materialam ginekologicheskoy kliniki Gor'kovskoy oblastnoy
klinicheskoy bol'nitsy im. N.A.Semashko za 1936-1954 gg. (glavnyy
vrach Oblastnoy bol'nitsy - zasl. vrach RSFSR K.I.Kusnetsov)
(UTERUS, neoplasms,
surg. results)

DOBROTIN, S.S., kandidat meditsinskikh nauk; DROBYAZKO, A.Ye.,

~~DOBROTIN, S.S.~~
Surgical treatment of complete prolapses of the uterus
according to K.F.Bogush's method. Sov.med. 19 no.9:59-60
S '55. (MLRA 8:12)

1. Iz ginekologicheskogo otdeleniya (zav.-dotsent S.S.Dobrotin)
Gor'kovskoy oblastnoy klinicheskoy bol'nitsy imeni N.A.Semashko
(glavnyy vrach--zasluzhennyy vrach RSFSR K.I.Kuznetsov)
(UTERUS, diseases
prolapse, complete, surg. Bogush method)

DOBROTIN, S.S., doktor meditsinskikh nauk (g.Gor'kiy, ul. Minina, d.5. kv.32)

Immediate and remote results of combined surgical treatment of cervical carcinoma and ways of lowering postoperative mortality and complications [With summary in English]. Vop.onk. 2 no.3:331-338 '56. (MLRA 9:10)

1. Iz ginekologicheskoy kliniki Gor'kovskoy oblastnoy bol'nitsy im. N.A.Semashko (glavn. vrach - zasl. vrach RSFSR K.I.Kuznetsov, rukovoditel' kliniki - dotsent S.S.Dobrotin)
(CERVIX NEOPLASMS, surg.
progr., statist. in Russia)

DOEROTIN, S.S., doktor meditsinskih nauk.; KALASHNIKOVA, O.A. klinicheski
ordinivor.

1. Iz finekologicheskogo otdeleniya (zav. S.S. Dobrotin) Gor'kovskoy oblastnoy klinicheskoy bol'nitsy imeni N.A. Semashko (glavnyy vrach sasluzhennyy vrach RSFSR K.I. Kuznetsov)

(GENITALIA, FEMALE, dis. abscess

purulent foci, surg.)

(ABSCESS

female genitalia, surg.)

DOBROTIN, S.S., doktor med.nauk

Clinical diagnosis of hemorrhagic metropathy. Sbor. nauch. rab. Kaf.
akush. i gin. GMI no;1:141-146 '60. (MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta,
(zav.kafedroy S.S.Dobrotin) Gor'kovskogo gos.meditsinskogo instituta.
(HEMORRHAGE, UTERINE)

DOBROTIN, S.S., doktor med.nauk; DOBROTINA, A.F., kand.med.nauk

Pathogenesis of hemorrhages in some forms of fibromyomas. Sbor.
nauch. rab. Kaf. akush. i gin. GMI no.1:147-150 '60. (MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo gos.meditsinskogo instituta. Zav.kafedroy S.S.Dobrotin.
(UTERUS—TUMORS) (HEMORRHAGE, UTERINE)

DOBROTIN, S.S., doktor med.nauk; KALASHNIKOVA, G.A., kand.med.nauk

Indications for the surgical treatment of suppurative foci in
the pelvis minor in women. Sbor. nauch. rab. Kaf. akush. i gin.
GMI no.1:181-183 '60. (MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo gos.meditsinskogo instituta. Zav.kafedroy S.S.Dobrotin.
(SUPPURATION) (GYNECOLOGY)

DOBROTIN, S.S., doktor med.nauk

Fifty years of surgical control of cancer of the cervix uteri in the
Gynecology Clinic of N.A.Semashko Hospital. Sbor.nauch. rab. Kaf.
akush. i gin. GMI no.1:196-199 '60. (MIRA 15:44)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo gos.meditsinskogo instituta. Zav. kafedroy S.S.Dobrotin.
(UTERUS--CANCER)

DOBROTIN, S.S., doktor med.nauk

Abdominal approach to treating vesicouterine, vesicocervical and
high vesicovaginal fistulae (into the fornix vaginae). Sbor. nauch.
rab. Kaf. akush. i gin. GMI no.2:112-115 '60. (MIRA 15:4)
(FISTULA, UTERINE) (FISTULA, VESICOVAGINAL)

DOBROTIN, S.S., doktor med.nauk

Operation for creating an artificial vagina from placental membranes.
Sbor. nauch. rab. Kaf. akush. i gin. GMI no.2:116-117 '60.

(MIRA 15:4)

(VAGINA--SURGERY)

(PLACENTA--TRANSPLANTATION)

DOBROTIN, S. S., Cand. Medic. Sci. (diss) "Shutting Off of Heart from Blood Circulation Under Conditions of Moderate Hypothermy in Experiment," Gor'kiy, 1961, 14 pp. (Ryazan Med. Inst.) 300 copies (KL Supp 12-61, 284).

DOBROTIN, S.S.; Gorkiy, USSR

Der gegenwartige Stand der chirurgischen Behandlung des Collumcarcinoms:
klinisches Material [mehr als 300 Wertheim-Operationen]

Report submitted for the 3rd World Congress, Intl Federation of Gyneology
and Obstetrics, Vienna, Austria, 3-9 Sep 1961.

BALANDIN, A.N.; DOBROTIN, S.S.

Extended hypothermia in treating hypoxic states. Uch. trudy GMI
no.19:305-309 '65. (MIRA 18:8)

1. Iz kliniki gospiatal'noy khirurgii Gor'kovskogo gosudarstvennogo
meditsinskogo instituta imeni S.M.Kirova.

I. 09963-67 EWT(m)/EWP(t)/ETI IJP(c) JD/HW/WB
ACC NR: AP6035721

SOURCE CODE: UR/0413/66/000/019/0083/0083

INVENTOR: Shpitsberg, A. L.; Zhuchin, V. N.; Dobrotin, V. D.; Fadeyeva, I. V.; Borisov, V. A. 54

ORG: none

TITLE: Corrosion-resistant nickel-base alloy. Class 40, No. 186691 4

SOURCE: Izobreteniya, promyshlennyye obratzsy, tovarnyye znaki, no. 19, 1966, 83

TOPIC TAGS: corrosion resistant alloy, nickel base alloy, chromium containing alloy, tungsten containing alloy, cobalt containing alloy, aluminum containing alloy, titanium containing alloy, boron containing alloy, niobium containing alloy, vanadium containing alloy, copper containing alloy, zirconium containing alloy

ABSTRACT: This Author Certificate introduces a corrosion-resistant nickel-base alloy containing chromium, tungsten, cobalt, aluminum, titanium and boron. To improve its physicomachanical and technological properties, the alloy chemical composition is set as follows: 16—25% chromium, 6—16% tungsten, 4.5—10.0% cobalt, 0.8—2.5% aluminum, 2—5% titanium, and 0.008—0.25% boron. A variant is additionally alloyed with niobium, vanadium, copper and zirconium at a total content of up to 6%.

SUB CODE: 11/ SUBM DATE: 17Feb65/ ATD PRESS: 5105

DOBROTIN, V.P., inzh.; GERASIMOV, Yu.K., inzh.

New developments in foreign technology. Zhel. dor. transp.
45 no.11:89-92 N '63.
(MIRA 16:12)

DOBROTINA, A.F. (Gor'kiy, ul. Piskunova, d.30, kv.1); ZLOTNIKOVA, Z.B.
~~(Gor'kiy, ul. Minina, d.2, kv.30)~~

Generalized sarcomatosis (lymphosarcomatosis) in pregnancy with
unusual bilateral involvement of the breasts. Vop.onk. 5 no.5:
613-616 '59. (MIRA 12:12)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. S.S. Dobrotin)
i kafedry patologicheskoy anatomii (zav. - prof. M.L. Biryukov) Gor'-
kovskogo meditsinskogo instituta im. S.M. Kirova.

(PREGNANCY, in various dis.

lymphosarcoma, with massive enlargement of breasts
(Rus))

(LYMPHOSARCOMA, in pregn.

with massive enlargement of breasts (Rus))

(BREASTS, dis.

massive enlargement in lymphosarcoma in pregn. (Rus))

DOBROTIN, S.S., doktor med.nauk; DOBROTINA, A.F., kand.med.nauk

Pathogenesis of hemorrhages in some forms of fibromyomas. Sbor.
nauch. rab. Kaf. akush. i gin. GMI no.1:147-150 '60. (MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo gos.meditsinskogo instituta. Zav.kafedroy S.S.Dobrotin.
(UTERUS--TUMORS) (HEMORRHAGE, UTERINE)

DOBROTINA, A.F., kand.med.nauk

Immediate and late results of the surgical treatment of fibromyomas of the uterus. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1:151-155 '60.
(MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta Gor'kovskogo gos.meditsinskogo instituta. Zav.kafedroy S.S.Dobrotin.
(UTERUS—TUMORS)

DOBROTINA, A.F., kand.med.nauk; KALASHNIKOVA, G.A., kand.med.nauk

Errors in diagnosing inflammatory tumors of the adnexa uteri.
Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1:184-187 '60.

(MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii (zav.kafedroy - prof. G.K.
Cherepakhin) Gor'kovskogo gos.meditsinskogo instituta. Rukovoditel'
raboty - doktor med.nauk S.S.Dobrotin.

(UTERUS--TUMORS)

DOBROTINA, A.F., kand.med.nauk

Papillary cystomas of the ovaries. Sbor. nauch. rab. Kaf. akush.
i gin. GMI no.1:223-225 '60. (MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo gos.meditsinskogo instituta. Zav.kafedroy prof. S.S.
Dobrotin.

(OVARIES--CANCER)

DOBROTINA, A.F., kand.med.nauk

Malignant tumors of the ovaries and their treatment. Sbor. nauch. rab.
Kaf. akush. i gin. GMI no.1:226-229 '60. (MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo gos.meditsinskogo instituta. Zav.kafedroy prof. S.S.
Dobrotin.

(OVARIES—CANCER)

DOBROTINA, A.F., kand.med.nauk

Clinical aspects and diagnosis of malignant tumors of the ovaries.
Sbor. nauch. rab. Kaf. akush. i gin. GMI no.2:90-93 '60(MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo meditsinskogo instituta im. S.M.Kirova (zav.kafedroy
doktor med.nauk Dobrotin, S.S.).
(OVARIES--CANCER)

DOBROTINA, A.F., kand.med.nauk

Hormonal disturbances in climacteric metropathy. Sbor. nauch. rab.
Kaf. akush. i gin. GMI no.2:99-101 '60. (MIRA 15:4)

1. Iz kafedry akusherstva i ginekologii pediatricheskogo fakul'teta
Gor'kovskogo meditsinskogo instituta im. S.M.Kirova, (zaveduyushchiy
kafedry doktor med.nauk S.S.Dobrotin).

(MENOPAUSE) (UTERUS--DISEASES)
(HORMONES, SEX)

DOBROTINA, A.F.

Functional state of the ovaries and the capacity for work of women
after surgical treatment of uterine fibromyoma. Akush. i gin. 36
no.2:98-102 Mr-Ap '60. (MIRA 13:12)

(UTERUS—SURGERY) (OVARIES)
(DISABILITY EVALUATION)

DOBROTINA, A.F.; ZAGRYADSKAYA, L.P.

Excretion of estrogenic hormones in some forms of dysfunctional
uterine hemorrhage. Akush. i gin. no.1:102-107 '65.

(MIRA 18:10)

1. Kafedra akusherstva i ginekologii (zav.- prof. S.S. Dobrotin)
lechebnogo fakul'teta Gor'kovskogo meditsinskogo instituta imeni
Kirova.

DOBROTINA, A.N., kandidat meditsinskikh nauk; PROTOPOPOV, B.V., professor, direktor.

Congenital cysts of the left orbit. Vest.oft. 32 no.3:27-28 My-Je '53.
(MLRA 6:8)

1. Klinika glaznykh bolezney Gor'kovskogo meditsinskogo instituta imeni
S.M.Kirova. (Eye---Diseases) (Cysts)

DOBROTINA, A. N.

PROTOPOPOV, B.V., professor; DOBROTINA, A.N., kandidat meditsinskikh nauk.

Treatment of tuberculous eye diseases with streptomycin associated with para-aminosalicylic acid. Vest. oft. 32 no. 5: 17-20 S-O '53. (MLRA 6:10)

1. Klinika glaznykh bolezney Gor'kovskogo meditsinskogo instituta im. S.M. Kirova.
(Streptomycin) (Para-aminosalicylic acid)
(Eye tuberculosis)

DOBROTINA, A.N.

PROTOPOPOV, B.V., professor; DOBROTINA, A.N., kandidat meditsinskikh nauk

Higher nervous function tests in glaucoma. Vest. oft. 33 no.5:
8-10 S-O '54. (MLRA 7:10)

1. Iz kafedry glaznykh bolezney Gor'kovskogo meditsinskogo instituta
imeni S.M.Kirova.

(GLAUCOMA, physiology,
higher nervous funct. tests)

(REFLEX, CONDITIONED,
in higher nervous funct. tests in glaucoma)

(CENTRAL NERVOUS SYSTEM, function tests,
higher nervous funct. tests in glaucoma)

FEDOROVSKAYA, R. F., starshiy nauchnyy sotrudnik; FORTUNATOV, M. N.;
DOBROTINA, N. A., mladshiy nauchnyy sotrudnik

Some characteristics of psoriasis in children. Vest. dermat. i ven.
no.2:28-35 '62. (MIRA 15:2)

1. Iz Gor'kovskogo nauchno-issledovatel'skogo instituta dermatologii i venerologii Ministerstva zdravookhraneniya RSFSR (dir. - kandidat meditsinskikh nauk O. D. Kochura, nauchnyy konsul'tant - zasluzhennyy deyatel' nauki prof. M. P. Batunin) i kafedry kozhno-venericheskikh bolezney Gor'kovskogo meditsinskogo instituta imeni S. M. Kirova (zav. - zasluzhennyy deyatel' nauki prof. M. P. Batunin).

(PSORIASIS)

GLAVINSKAYA, T. A.; DOBROTINA, N. A.; GRUBE, S. B.; KLEVTSOVA, G. I.

Characteristics of protein metabolism and the reactivity of the body in lupus erythematosus. Vest. dermat. i ven. no.4:8-14 '62.

1. Iz Gor'kovskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - kandidat meditsinskikh nauk O. D. Kochura, nauchnyy konsul'tant - zasluzhennyy deyatel' nauki prof. M. P. Batunin) i kafedry kozhnykh i venericheskikh bolezney (zav. - zasluzhennyy deyatel' nauki prof. M. P. Batunin) Gor'kovskogo meditsinskogo instituta imeni S. M. Kirova.

(PROTEIN METABOLISM) (LUPUS ERYTHEMATOSUS)

FEDOROVSKAYA, R.F.; DOBROTINA, N.A.

Age characteristics of the clinical aspects metabolism in psoriasis.
Sov.med. 26 no.8:136-140 Ag '62. (MIRA 15:10)

1. Iz Gor'kovskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - kand.med.nauk O.D.Kochura) i iz kliniki kozhno-venericheskikh bolezney Gor'kovskogo meditsinskogo instituta imeni S.M.Kirova (zav. - zasluzhennyy deyatel' nauki prof. M.P. Batunin).

(PSORIASIS) (METABOLISM, DISORDERS OF)

DOBROTINA, N.A.

G-reactive protein in different dermatoses. Vest. dermat. i ven.
37 no.9:9-13 S '63. (MMA 1/60)

1. Ger'kovskiy nauchno-issledovatel'skiy kozhno-venereologicheskii
institut (dir. -- kand. med. nauk. G.D. Kochura) i kafedra kozhno-
venereologicheskikh bolezney (rav. -- zasluzhennyy deyatel' nauk
prof. N.P. Batunin) Ger'kovskogo meditsinskogo instituta.

FEDOROVSKAYA, R.F.; DOBRCTINA, N.A.

Adaptational-trophic reactions in psoriasis. Vest. dermat. i ven.
38 no.11:3-10 N '64. (MIRA 18:4)

1. Gor'kovskiy nauchno-issledovatel'skiy kozhno-venerologicheskiy institut (dir. - kand. med. nauk O.D.Kochura, nauchnyy konsul'tant - prof. M.P.Batunin).

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
DOBROTINA, Z. A.										PROCESSING AND PROPERTIES INDEX									
B										7									
Automatic Welding Under Flux of Thin Sheet Steel. (In Russian.) M. Yu. Afper and Z. A. Dobrotina. <i>Arto- kennos Delo</i> (Welding), Sept. 1949, p. 20-22. Experimental investigation of automatic welding of low-carbon steel of 2.5-, 3.0-, and 4.0-mm. thickness with a low-carbon electrode established the value of a flux containing SiO_2, MnO, TiO_2, CaF_2, FeO, and K_2O+Na_2O. This flux guarantees high arc stability without additional superposition of high-frequency current, also a minimum depth of fusion. Optimum welding conditions for each thickness are described.																			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION										EIGHTH BONDING									
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

BAGRYANSKIY, K.V., kand.tekhn.nauk; DOBROTINA, Z.A., kand.tekhn.nauk;
SOPIN, V.T., inzh.; KAL'YANOV, V.N., inzh.

Effect of operating conditions on the chemical composition of
metals deposited under a ZrS₂-type ceramic flux. Svar.proizv.
no.8:20-22 Ag '60. (MIRA 13:7)

1. Zhdanovskiy metallurgicheskiy institut.
(Hard facing) (Flux(Metallurgy))

DOBROTINA, Z.A., kand.tekhn.nauk

Mechanical strength of ceramic fluxes. Svar.proizv. no.1:12-14
Ja '62. (MIRA 15:3)

1. Zhdanovskiy metallurgicheskiy institut.
(Flux(Metallurgy))

apparently by minor carburization. The observed increase in the rate of carburization and in the rate of oxidation of the metal surface during the process of carburization.

ZUSIN, V.Ya., inzh.; BYKHOVSKIY, D.G., kand. tekhn. nauk, rukovoditel' raboty; DOBROTINA, Z.A., kand. tekhn. nauk, rukovoditel' raboty

Nomograph for determining the optimal speed of gas electric metal cutting. Svar. proizv. 12:33-34 D '63. (MIRA 18:9)

1. Zhdanovskiy metallurgicheskiy institut (for Zusin, Dobrotina).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya (for Bykhovskiy).

DOBROTINA, Z.A., kand. tekhn. nauk; MURATOV, V.A., inzh.; NOSOVSKIY, B.I.,
inzh.; FIL'CHAKOV, A.A., inzh.

Growth and heat resistance of deposited cast iron. Svar. proizv.
no.5:13-14 My '64. (MIRA 18:11)

1. Zhdanovskiy metallurgicheskiy institut (for Nosovskiy).
2. Zhdanovskiy zavod tyazhelogo mashinostroyeniya (for
Fil'chakov).

RUDNICHENKO, V.Ye.; DOBROTSVETOV, B.L.; KHEYKER, D.M.

Composition of ferrites in the system $PbO - Fe_2O_3$. Sbor. nauch.
trud. Gintsvetmeta no.23:389-399 '65. (MFA 18:12)

DOBROTKA, G.

KOKAVEC, M.

CZECHOSLOVAKIA

No academic degree indicated

Department of Medical Jurisprudence of the Comenius University,
(Katedra sudneho lekarstva University Komenského), Bratislava;
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Department of Psychiatry of the Comenius University (Katedra
psychiatrie University Komenského), Bratislava;
Head of the Department: prof. E. GYENSBERGER

Bratislava, Lekarsky Obzor, No 10, 1962, pp 545-552

"A Contribution to the Problem of Suicides in Childhood."

Co-author:

DOBROTKA, G., Department of Medical Jurisprudence of the Comenius
University (Katedra sudneho lekarstva University Komenského),
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Department of Psychiatry of Comenius University (Katedra psy-
chiatrie University Komenského), Bratislava;
Head of the Department: prof. E. GYENSBERGER

DOBROTKA, G.; KOKAVEC, M.

Factors in child and juvenile suicide. Bratisl. lek. listy
45 no.2:97-112 31 J1 '65.

1. Katedra psychiatrie Ustavu pre dalsie vzdelavanie lekarov a
lekarnikov (veduci prof. MUDr. E. Guensberger) a Katedra sudneho
lekarstva Lek. fak. Univerzity Komenskeho v Bratislave (veduci
prof. MUDr. H. Krsek).

DOBROTKA, G.

Differential diagnostic considerations on so-called self-assertion psychopathies. Bratisl. Lek. Listy 42 no.5:277-283 '62.

1. Z Psychiatrickej kliniky Lek. fak. Univ. Komenskeho v Bratislave,
veduci prof. MUDr. E. Guensberger.
(SOCIOPATHIC PERSONALITY)

CZECHOSLOVAKIA

DOBROŇKA, G., and FEDOR, P., of the Pediatric Department (Detské oddelení), Psychiatric Clinic (Psychiatrická klinika) Faculty of Medicine (Lekarská fakulta), UK [Universita Komenského; Comenius University], Bratislava.

"Pathognostic Meaning of the Differentiation of Clinical Forms of Unrestraint in Children"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 2, April 63, pp 92-98.

Abstract [Authors' German summary, modified]: The term "unrestraint" is used to describe various forms of disturbances in the behavior of children. The term is used incorrectly to describe various phenomena which, because of their participation in the pathogenesis and pathodynamics of clinically and socially important changes of behavior, should be more differentiated. On the basis of 229 clinical cases an attempt is made for the classification of specific forms of unrestraint. Thirty-three references, including 1/1 2 Slovak and 2 Czech.

DOBROTKA, Laszlo

Our new tasks in the field of manufacturing enlarged fibers. Magy textil 14 no.4:171-175: Ap '62.

DOEROTIKO, V. G. and B.YE. AYZENMAN

"Contribution to the Study of Growth Factors and Growth Inhibitors of *B. typhiabdominalis*.
Fourth Communication: "The complex Growth Factors and the Set of Interfering Factorys,"
Mikrobiol. zhurnal. 9, 2-3, 93-97, 1948

FILIPPOVA, N.A.; DOEROTSVETOV, B.L.; KOROSTELEVA, V.A.

Establishing the form of binding of thallium in the ores of
a pyritic deposit. Sbor. nauch. trud. ~~Dobrotsvetov~~ no.19:
785-794 '62. (MIRA 16:7)

(Thallium—Analysis)
(Pyrites—Analysis)
(Chemical bonds)

DOBROTSVETOV, B.L.; BOGOSLAVSKAYA, Ye.I.; SOBEL'MAN, Ye.I.

Solid solutions in the system $Zn_2SiO_4 - Fe_2SiO_4$. Dokl. AN
SSSR 158 no.1:189-191 S-O' 64 (MIRA 17:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvet-
nykh metallov. Predstavleno akademikom N.V. Belovym.

DOEROTSVETOV, B.L.

Optical properties of solid solutions in the system of zinc
and iron orthosilicates. Vest. Mosk. un. Ser. 4: Geol. 20
no.3:37-45 My-Je '65. (MIRA 18:7)

1. Kafedra petrografii Moskovskogo universiteta.

VERENINOVA, N.K.; SMIRNOVA, Ya.I.; KALACHEVA, N.F.; KUZNETSOVA, N.I.;
MEL'NIKOVA, A.F.; DOBROTSEVETOVA, T.Ya.

Effectiveness of complex vaccination with live vaccines against plague, tularemia, brucellosis, and anthrax. Report No.2: Intensity of immunity in complex vaccination of guinea pigs against intratracheal infection. Zhur.mikrobiol., epid.i immun. 30 no.11:19-24 N '59. (MIRA 13:3)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta mikrobiologii i epidemiologii yugo-vostoka SSSR.

(PLAGUE, immunol.)

(TULAREMIA, immunol.)

(BRUCELLOSIS immunol.)

(ANTHRAX immunol.)

(VACCINATION)

DDBROTSVETOV, YS. N.
 Specific heat of solids as a function of the coordination number and of the number of particles in the specific val case.
 N. D. Brotsvetov. *Izvestia Akad. Nauk SSSR, Ser. Khim.* 1954, 10-11 (1954).
 For solids with an ionic lattice, in which each ion belongs equally to all surrounding ions of opposite sign, the sp. heat, at equal coordination no., is shown, by literature data, to be proportional to the no. of particles in the sp. vol.
 N. Thon

DOBROTSVETOV, E. N.		PROCEDURES AND PROPERTIES INDEX	
Dependence of the specific heat and the specific weight of binary compounds on the distance between the centers of the ions. E. N. Dobrotsvetov, <i>Glasnik Khim. Društva Beograd</i> (Bull. Soc. Chem. Belgrade) 13, 10-23 (1945). Literature data show the validity, for solid binary compounds, with an ionic lattice, of a relation between the distance S between ions, the sp. heat C and the sp. gr. d, in the form $d = 10^{-8} \sqrt{C} / \rho$, with $\rho = d$, d, in 10^{-8} cm, the specific gravity of the substance in g./cc. N. F.			
ASB-ILA METALLURGICAL LITERATURE CLASSIFICATION			
FROM SYNONYM		FROM SYNONYM	
SYNONYM		SYNONYM	
SYNONYM		SYNONYM	

ALEKSANDROV, V.G.; DOBROTVOFSKAYA, A.V.

~~Formation and morphological characteristics of flower stamens in~~
Angiosperms. Dokl. AN SSSR 110 no.5:862-865 0 '56. (MIRA 10:1)

1. Botanicheskiy institut imeni V.L. Komarova Akademii nauk SSSR.
(Flowers--Morphology) (Angiosperms)

DOBROTVORSKAYA, A.V.

ALEKSANDROV, V.G.; DOBROTVORSKAYA, A.V.

Morphological nature of the stamen, petals, and so-called filament
tube in the mallow flower. Trudy Bot.inst.Ser.7 no.4:83-137 '57.

(MIRA 10:3)

(Mallow)

(Inflorescence)

DOBROTVORSKAYA, A.V.

ALEKSANDROV, V.G.; DOBROTVORSKAYA, A.V.

Specific features of the development of stamens and the fibrous layer of anthers. Bot.zhur. 42 no.10:1473-1490 0 '57. (MIRA 10:10)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR, Leningrad.
(Inflorescence) (Mallow) (Mistletoe)

DOBROTVORSKAYA, A.V.

ALEKSANDROV, V.G.; DOBROTVORSKAYA, A.V.

Study of the androecium in *Viscum album* L. Dokl. AN SSSR 112
no.3:549-552 Ja '57. (MLRA 10:4)

1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR.
Predstavleno akademikom V.N. Sukachevym.
(Mistletoe) (Plants, Flowering of)

ALEKSANDROV, V.G.; DOBROTVORSKAYA, A.V.

Metamorphosis of floral elements and morphological nature of stamens
(materials on floral physiology of angiosperms) [with summary in
English]. Probl. bot. no.3:248-270 '58. (MIRA 11:6)
(Metamorphosis) (Flowers--Morphology) (Angiosperms)

ALEKSANDROV, V.G.; DOBROTVORSKAYA, A.V.

Physiological anatomy of the epidermis of leaflike organs of
the wheat ear; flower glume. Bot.zhur. 44 no.6:759-771
Jl '59. (MIRA 12:11)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR, Leningrad.
(Epidermis) (Wheat) (Inflorescence)

ALEKSANDROV, V.G.; DOBROTVOORSKAYA, A.V.

Formation of stamens and the fibrous layer of anthers in
the flower of some plants. Bot.zhur. 45 no.6:823-831
Je '60. (MIRA 13:7)

(Flowers--Anatomy)

ALEKSANDROV, V.G.; DOBROTIVORSKAYA, A.V.

Hermaphroditism of the flower of angiosperms. Trudy Bot.inst.Ser.
7 no.5:5-30 '62. (MIRA 15:2)
(Angiosperms) (Hermaphroditism)

DOBROTVORSKAYA, A.V.

Morphologic characteristics of lodicules in some representatives
of the grass family. Trudy Bot.inst.Ser. 7 no.5:148-165 '62.
(MIRA 15:2)

(Grasses) (Plants, Flowering of)

ALEKSANDROV, V.G.; DOBROTVORSKAYA, A.V.

Characteristics of the organization of buds in flowering plants.
Dokl. AN SSSR 154 no.1:226-228 Ja'64. (MIRA 17:2)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno
akademikom V.N. Sukachevym.

15

CA

PROCESSES AND PROPERTIES INDEX

the effect of chloropicrin on soil fertility and on the yield and the quality of sugar beets. P. A. Vlasuk and K. M. Dobrotvorskaya. *Vsesoyuz. Nauch.-Issledovatel. Inst. Udobreniy i Agropokhovdeniya im. G. I. Gidrolisa, Primeneniye Antiseptikov v Tselnykh Porysheniya (Troshchivosti) 1939, 174-83; Khim. Refrat. Zhur. 1940, No. 7, 50.*—Under the influence of chloropicrin the content of soil humus increased considerably. Up to 30 days after the addition of chloropicrin, nitrates decreased, then increased sharply and after 90 days were the same as in the control soils. The content of absorbed NH_4 increased sharply up to 15 days, after 45 days decreased and after 90 days was the same as in the control soils. The content of soil P_2O_5 in soils treated with chloropicrin was higher at all times than in the control soils. Chloropicrin increased the sugar content of sugar beets and simultaneously the content of nonprotein N. W. R. Henn

ASAC-54 METALLURGICAL LITERATURE CLASSIFICATION

PROCEDURES AND PROPERTIES SHEET																			
CA 15 The effectiveness of enrichment of manure with mineral fertilizers. P. A. Vlasovsk and K. M. Dobryshin. <i>Agrobiologiya</i> 1948, No. 6, 100-21. Cattle manure (dry compn. N 0.47, K 0.30, P₂O₅ 0.25%) fortified with superphosphate (45 kg. N as (NH₄)₂SO₄, 45 kg. K₂O, and 30 kg. H₃PO₄ per hectare) composted 6 months under 20 cm. of soil gave a higher yield of sugar beets and somewhat improved yield of sugar per beet. Use of phosphate meal also is effective, but less than the superphosphate. Generally, the mineral fertilizers increase the N content of the beet, but lower K and P levels; composting improves the latter. G. M. Kosolapoff																			
ASB-55A DETAILING LITERATURE CLASSIFICATION																			
<table border="1"> <tr> <td>100000</td> <td>100000</td> <td>100000</td> <td>100000</td> <td>100000</td> <td>100000</td> <td>100000</td> <td>100000</td> <td>100000</td> <td>100000</td> </tr> </table>										100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
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DOBROTVORSKAYA, K.M., BLASYUK, P.A.

25064 BLASYUK, P.A., DOBROTVORSKAYA, K.M. Osobennosti Pitaniya Mnogoletnikh Bobovykh I Zlakovykh Travośmesey. Doklady Vsesoyuz. Akad. S.-Kh. Nauk. Im. Lenina, 1949 Vyp.6, S. 53-60

SO: Letopis', No.33, 1949

VLASYUK, P.A., DOBROTVORSKAYA, K.M., GORNAYA, V.YA.

Wheat

Effectiveness of fertilizer on the harvest of winter wheat sown on black fallow soils.
Nauk. zap. Kyiv. un. 9 no. 7, 1950

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

CA

15

The mobility of phosphorus in soils under various systems

of fertilization. K. M. Dobrovolskaya and V. Ya. Gornaya (Vsesoyuz. Nauchno-Issledovatel. Inst. Sukkharnei Svezly, Kiev). *Pochвоведение* 1951, 352-61.—Comparisons made on the relative mobility of P from manure and mineral sources in leached chernozem soil and weakly podsolized chernozem soil show that manure fertilization supplies more of the available forms of P. In the root residues of the perennial legumes or mixts. of legumes and grasses 80% of the total P is inorg. forms. Of a total of 0.47% P_2O_5 in the roots of sugar beets, 38.3% is in the inorg. form. In the tops contg. 1.38% P_2O_5 , 52.2% is in the inorg. form. In winter wheat the grain contg. 0.62% P_2O_5 , only 3.2% is in the inorg. form; in the straw contg. 0.21% P_2O_5 , 38.1% is in the inorg. form. The Chirikov method (*Programmetodicheskie ukazaniya VJUA, 1947, C.A. 45, 7733a*) for available P and forms of P in soil was used. I. S. Joffe

1952

DOBROTVORSKAYA, K. M., GORNAYA, V. YA.

Grasses; Plants - Chemical Analysis

Properties of organic matter of the grass root system. Agrobiologiya, No. 1, 1952.
Vsesoyuznyy Nauchno-issledovatel'skiy Institut Sakharnoy Svekly, g.kiyev.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

DOBNOTVORSKAYA, K. M., and VLASYUK, P. A., acad.

Effect of fertilizers on the harvest and quality of winter wheat. Sov.
agron. 10, No 7, 1952.

DOBROTVORSKAIA, K.M.; TONKAL', YE.A.

Fertilizers and Manures

Time and methods for applying fertilizers to grass mixtures. Sov.agron. 10, no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 ~~1953~~, Unclassified.

VLASYUK, P.A., ACAD.: DOBROTVOORSKAYA, K.M.

Wheat

Effect of fertilizers on the harvest and quality of winter wheat. Šov. agron. 19, No.7, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952, UNCLASSIFIED

VLASYUK, P.A.; DOBROTVORSKAYA, K.M.; GRIBANOV, V.M.

Distribution and activity of Azetobacter in the irrigated and nonirrigated district of the southern Ukraine. Nauk.zap.Kiev.un.12 no.7:13-20 '53.
(Ukraine--Azetobacter) (MLRA 9:10)